J. vet. Pharmacol. Therap. **14**, 437–440, 1991.

Author Index

Ali, B.H. *see* Elsheikh, H.A.
Altieri, E. *see* Martinez, R.
Alvinerie, M., Floc'h, R. & Galtier, P. Plasma protein binding of nitroxynil in several species, 170
Amin, A. *see* Waterman, A.E.
Appelgren, L.-E. *see* Kallings, P.
Archer, T.E. *see* Bulgin, M.S.
Aronson, A.L. *see* Tyczkowska, K.L.
Aucoin, D.P. *see* Flammer, K.
Aucoin, D.P. *see* Trepanier, L.A.
Auer, D.E., Ng, J.C., Reilly, J.S. & Seawright, A.A. Assessment of histamine, bradykinin, prostaglandins E_1 and E_2 and carrageenin as vascular permeability agents in the horse, 61

Baert, L., Vermeersch, H. & Remon, J.P. Effect of some organic vehicles on the rate of elimination of intravenously administered ronidazole in pigeons, 341
Baggot, J.D. *see* Bulgin, M.S.
Baggot, J.D. *see* Wilson, W.D.
Bangen, M. *see* Grave, K.
Barker, S.A. *see* Short, C.R.
Bednarski, L. *see* Muir III, W.W.
Bednarski, R. *see* Muir III, W.W.
Bengtsson, B., Luthman, J., Jacobsson, S.-O. & Ekman, S. Distribution of oxytetracycline to tissue cages and granuloma pouches in calves and effect of acute inflammation on distribution to tissue cages, 385
Benthuysen, J.A. *see* Ilkiw, J.E.
Black, W.D. *see* Pascoe, P.J.
Black, W.D., Ferguson, H.W., Byrne, P. & Claxton, M.J. Pharmacokinetic and tissue distribution study of oxytetracycline in rainbow trout following bolus intravenous administration, 351
Boisrame, B. *see* Deleforge, J.
Bouchenafa, O. & Livingston, A. The autoradiographic binding of [^{3}H] quinuclidinyl benzilate to muscarinic receptors in the spinal cord of sheep, 345
Brand, A. *see* Lohuis, J.A.C.M.
Breukink, H.J. *see* Mevius, D.J.
Brown, S. Anthony *see* Hunter, R.P.
Brown, S.A. & Forrester, S.D. Serum disposition of oral clorazepate from regular-release and sustained-delivery tablets in dogs, 426
Brown, S.A. & Riviere, J.E. Comparative pharmacokinetics of aminoglycoside antibiotics, 1
Brown, S.A., Nelson, R.W. & Scott-Moncrieff, C. Gentamicin pharmacokinetics in dibetic dogs, 90
Bulgin, M.S., Lane, V.M., Archer, T.E., Baggot, J.D. & Craigmill, A.L. Pharmacokinetics, safety and tissue residues of sustained-release sulfamethazine in sheep, 36
Byrne, P. *see* Black, W.D.

Chaudhary, R.K., Srivastava, A.K. & Malik, J.K. Pharmacokinetics of cephaloridine in *Bubalus bubalis*, 200
Cid, E. *see* Martinez, R.
Clark, C.H. *see* Wright, L.C.
Claxton, J.M. *see* Pascoe, P.J.
Claxton, M.J. *see* Black, W.D.
Courtot, D. *see* Delatour, P.
Craigmill, A.L. *see* Bulgin, M.S.
Crisman, M.V., Wilcke, J.R., Sams, R.A. & Gerken, D.F. Concentrations of phenylbutazone and oxyphenbutazone in postparturient mares and their neonatal foals, 330
Cuence Valera, R. *see* Píriz Durán, S.

Davis, L.E. *see* Short, C.R.
Davot, J.L. *see* Deleforge, J.
Debackere, M. *see* Delbeke, F.T.
Delatour, P. *see* Deleforge, J.
Delatour, P., Jaussaud, P., Courtot, D. & Fau, D. Enantioselective *N*-demethylation of ketamine in the horse, 209
Delbeke, F.T., Debackere, M. & Vynckier, L. Disposition of human drug preparations in the horse. I. Rectally administered indomethacin, 145
Deleforge, J., Davot, J.L., Boisrame, B. & Delatour, P. Enantioselectivity in the anaes-

thetic effect of ketamine in dogs, 418
Denneberg, T. *see* Hoppe, A.
Dobson, H. *see* Sanhouri, A.A.
Dunlop, C. *see* Steffey, E.P.

Ebling, W.F. *see* Ilkiw, J.E.
Ekman, S. *see* Bengtsson, B.
Elsheikh, H.A., Ali, B.H., Homeida, A.M., Hassan, T. & Hapke, H.J. Pharmacokinetics of antipyrine and sulphadimidine (sulfamethazine) in camels, sheep and goats, 269
Emanuelsson, B.-M. *see* Hoppe, A.
Engelstad, M. *see* Grave, K.

Fau, D. *see* Delatour, P.
Ferguson, H.W. *see* Black, W.D.
Flammer, K., Aucoin, D.P. & Whitt, D.A. Intramuscular and oral disposition of enrofloxacin in African grey parrots following single and multiple doses, 359
Floc'h, R. *see* Alvinerie, M.
Förster, H.J. *see* Kallings, P.
Forrester, S.D. *see* Brown, S.A.

Gabrielli, M. *see* Signorini, G.C.
Galtier, P. *see* Alvinerie, M.
Galtier, P. *see* Larrieu, G.
Garg, B.D. *see* Garg, Satish K.
Garg, Satish K., Verma, S.P. & Garg, B.D. Disposition kinetics of gentamicin in buffalo calves (*Bubalus bubalis*) following single intravenous administration, 335
Garzón, L. *see* Martinez, R.
Gerken, D.F. *see* Crisman, M.V.
Giles, C.J., Magonigle, R.A., Grimshaw, W.T.R., Tanner, A.C., Risk, J.E., Lynch, M.J. & Rice, J.R. Clinical pharmacokinetics of parenterally administered danofloxacin in cattle, 400
Grave, K., Bangen, M., Engelstad, M. & Søli, N.E. An evaluation of the information given on veterinary prescriptions in Norway. Compliance with the legal regulations, 150
Grieve, A.P. On the construction of shortest confidence intervals and Bayesian highest posterior density intervals, 395
Grimshaw, W.T.R. *see* Giles, C.J.

Hammarlund-Udenaes, M. *see* Johansson, I.M.
Hannan, J. *see* Mulcahy, G.
Hapke, H.J. *see* Elsheikh, H.A.
Hassan, T. *see* Elsheikh, H.A.
Heath, R.B. *see* Steffey, E.P.
Heizmann, P. *see* Lohuis, J.A.C.M.
Hietala, S.K. *see* Wilson, W.D.
Hildebrand, S.V. *see* Steffey, E.P.
Hinchcliff, K.W., McKeever, K.H. & Muir III, W.W. Furosemide-induced changes in plasma and blood volume of horses, 411
Hodgson, D. *see* Steffey, E.P.
Homeida, A.M. *see* Elsheikh, H.A.
Hoppe, A., Denneberg, T., Emanuelsson, B.-M., Kågedal, B. & Lindgren, S. Pharmacokinetics and bioavailability of 2-mercaptopropionylglycine administered intravenously and orally in dogs, 374
Horton Jr, C.R. *see* Wright, L.C.
Hsieh, L.C. *see* Short, C.R.
Huber, R. *see* Prügner, W.
Hunter, R.P., Brown, S. Anthony, Rollins, J.K. & Nelligan, D.F. The effects of experimentally induced bronchopneumonia on the pharmacokinetics and tissue depletion of gentamicin in healthy and pneumonic calves, 276

Ilkiw, J.E., Benthuysen, J.A., Ebling, W.F. & McNeal, D. A comparative study of the pharmacokinetics of thiopental in the rabbit, sheep and dog, 134
Ingvast-Larsson, C. Relaxant effects of theophylline and clenbuterol on tracheal smooth muscle from horse and rat *in vitro*, 310
Ingvast-Larsson, C. *see* Kallings, P.

Järvinen, A. *see* Sarkiala, E.
Jacobsson, S.-O. *see* Bengtsson, B.
Jaussaud, P. *see* Delatour, P.
Jernigan, A.D. *see* Wright, L.C.
Jobse, A.S. *see* Mevius, D.J.
Johansson, I.M., Kallings, P. & Hammarlund-Udenaes, M. Studies of meclofenamic acid and two metabolites in horses—pharmacokinetics and effects on exercise tolerance, 235
Jones, R.S. *see* Sanhouri, A.A.

Kaddouri, M. *see* Larrieu, G.
Kågedal, B. *see* Hoppe, A.
Kallings, P. *see* Johansson, I.M.
Kallings, P., Ingvast-Larsson, C., Persson, S., Appelgren, L.-E., Förster, H.J. & Romin-

ger, K.L. Clenbuterol plasma concentrations after repeated oral administration and its effects on cardio-respiratory and blood lactate responses to exercise in healthy Standardbred horses, 243
Kessels, B.G.F. *see* Mevius, D.J.
Koritz, G.D. *see* Short, C.R.
Krogsgaard Thomsen, M. Substance P: a neurogenic mediator of acute cellular inflammation in the dog?, 250
Krogsgaard Thomsen, M. The role of neutrophil-activating mediators in canine health and disease (with special reference to the role of leukotrienes in inflammatory dermatoses), 113

Lane, V.M. *see* Bulgin, M.S.
Lanusse, C.E., Trudeau, C., Ranjan, S. & Prichard, R.K. Pharmacokinetic profiles of netobimin metabolites after oral administration of zwitterion and trisamine formulations of netobimin to cattle, 101
Larrieu, G., Kaddouri, M. & Galtier, P. Comparison of mucosal drug conjugative rates along the gatrointestinal tract of female sheep, 263
Ley, S., Waterman, A. & Livingston, A. The influence of chronic pain on the analgesic effects of the α_2-adrenoceptor agonist, xylazine, in sheep, 141
Lindgren, S. *see* Hoppe, A.
Livingston, A. *see* Bouchenafa, O.
Livingston, A. *see* Ley, S.
Livingston, A. *see* Waterman, A.E.
Lohuis, J.A.C.M., van Werven, T., Brand, A., van Miert, A.S.J.P.A.M., Rohde, E., Ludwig, B., Heizmann, P. & Rehm, W.F. Pharmacodynamics and pharmacokinetics of carprofen, a non-steroidal anti-inflammatory drug, in healthy cows and cows with *Escherichia coli* endotoxin-induced mastitis, 219
Longo, A. *see* Signorini, G.C.
Lühmann, R. *see* Prügner, W.
Ludwig, B. *see* Lohuis, J.A.C.M.
Lumeij, J.T. *see* Verschueren, C.P.
Luthman, J. *see* Bengtsson, B.
Lynch, M.J. *see* Giles, C.J.

Magonigle, R.A. *see* Giles, C.J.
Malbrough, M.S. *see* Short, C.R.
Malik, J.K. *see* Chaudhary, R.K.
Martinez, R., Urquieta, B., Altieri, E., Garzón, L. & Cid, E. Testosterone disposition after intramuscular injection in castrated thoroughbred race horses, 430
Mburu, D.N. Evaluation of the anti-inflammatory effects of a low dose of acetaminophen following surgery in dogs, 109
McKeever, K.H. *see* Hinchcliff, K.W.
McNeal, D. *see* Ilkiw, J.E.
Meagher, D.M. *see* Steffey, E.P.
Mero, M. *see* Sarkiala, E.
Mevius, D.J., Breukink, H.J., van Miert, A.S.J.P.A.M., Kessels, B.G.F., Jobse, A.S. & Smit, J.A.H. Effects of experimentally induced *Pasteurella haemolytica* infection in dairy calves on the pharmacokinetics of flumequine, 174
van Miert, A.S.J.P.A.M. *see* Lohuis, J.A.C.M.
van Miert, A.S.J.P.A.M. *see* Mevius, D.J.
Muir III, W.W. *see* Hinchcliff, K.W.
Muir III, W.W., Bednarski, L. & Bednarski, R. Thiamylal- and halothane-sparing effect of diazepam in dogs, 46
Mulcahy, G., Quinn, P.J. & Hannan, J. The effect of isoprinosine and levamisole on factors relevant to protection of calves against respiratory disease, 156

Neff-Davies, C.A. *see* Short, C.R.
Nelligan, D.F. *see* Hunter, R.P.
Nelson, R.W. *see* Brown, S.A.
Ng, J.C. *see* Auer, D.E.
Nicholson, T. *see* Osman, T.E.A.

Osman, T.E.A. & Nicholson, T. Alpha-2 adrenoceptors mediate clonidine-induced hypoinsulinaemia in sheep, 293

Pascoe, J.R. *see* Steffey, E.P.
Pascoe, P.J., Black, W.D., Claxton, J.M. & Sansom, R.E. The pharmacokinetics and locomotor activity of alfentanil in the horse, 317
Persson, S. *see* Kallings, P.
Peterson, M.E. *see* Trepanier, L.A.
Píriz Durán, S., Cuence Valera, R., Valle Manzano, J. & Vadillo Machota, S. Comparative *in vitro* susceptibility of *Bacteroides* and *Fusobacterium* isolated from footrot in sheep to 28 antimicrobial agents, 185
Prichard, R.K. *see* Lanusse, C.E.
Prügner, W., Huber, R. & Lühmann, R. Eltenac, a new anti-inflammatory and

analgesic drug for horses: clinical aspects, 193
Pryor, P. *see* Wilson, W.D.

Quinn, P.J. *see* Mulcahy, G.
Quintavalla, F. *see* Signorini, G.C.

Ranjan, S. *see* Lanusse, C.E.
Rehm, W.F. *see* Lohuis, J.A.C.M.
Reilly, J.S. *see* Auer, D.E.
Remon, J.P. *see* Baert, L.
Rice, J.R. *see* Giles, C.J.
Risk, J.E. *see* Giles, C.J.
Riviere, J.E. *see* Brown, S.A.
Rohde, E. *see* Lohuis, J.A.C.M.
Rollins, J.K. *see* Hunter, R.P.
Rominger, K.L. *see* Kallings, P.

Sams, R.A. *see* Crisman, M.V.
Sanhouri, A.A., Jones, R.S. & Dobson, H. Prazosin and propranolol and the stress response to transport in male goats: a preliminary study, 421
Sansom, R.E. *see* Pascoe, P.J.
Sarkiala, E., Järvinen, A., Välttila, S. & Mero, M. Pharmacokinetics of tinidazole in dogs and cats, 257
Scarduelli, E. *see* Signorini, G.C.
Scott-Moncrieff, C. *see* Brown, S.A.
Seawright, A.A. *see* Auer, D.E.
Short, C.R., Neff-Davies, C.A., Hsieh, L.C., Koritz, G.D., Malbrough, M.S., Barker, S.A. & Davis, L.E. Pharmacokinetics and elimination of salicyclic acid in rabbits, 70
Signorini, G.C., Quintavalla, F., Scarduelli, E., Longo, A. & Gabrielli, M. Plasma thiamphenicol concentrations in calves after intratracheal administration, 326
Smit, J.A.H. *see* Mevius, D.J.
Søli, N.E. *see* Grave, K.
Spensley, M.S. *see* Wilson, W.D.
Srivastava, A.K. *see* Chaudhary, R.K.
Steffey, E.P., Willits, N., Wong, P., Hildebrand, S.V., Wheat, J.D., Meagher, D.M., Hodgson, D., Pascoe, J.R., Heath, R.B. & Dunlop, C. Clinical investigations of halothane and isoflurane for induction and maintenance of foal anesthesia, 300

Tanner, A.C. *see* Giles, C.J.
Trepanier, L.A., Peterson, M.E. & Aucoin, D.P. Pharmacokinetics of intravenous and oral methimazole following single- and multiple-dose administration in normal cats, 367
Trudeau, C. *see* Lanusse, C.E.
Tyczkowska, K.L., Voyksner, R.D. & Aronson, A.L. Development of an analytical method for cephapirin and its metabolite in bovine milk and serum by liquid chromatography with UV-VIS detection and confirmation by thermospray mass spectrometry, 51

Urquieta, B. *see* Martinez, R.

Välttila, S. *see* Sarkiala, E.
Vadillo Machota, S. *see* Píriz Durán, S.
Valle Manzano, J. *see* Píriz Durán, S.
Verma, S.P. *see* Garg, Satish K.
Vermeersch, H. *see* Baert, L.
Verschueren, C.P. & Lumeij, J.T. Mydriasis in pigeons (*Columbia livia domestica*) with *d*-tubocurarine: topical instillation versus intracameral injection, 206
Voyksner, R.D. *see* Tyczkowska, K.L.
Vynckier, L. *see* Delbeke, F.T.

Waterman, A. *see* Ley, S.
Waterman, A.E., Livingston, A. & Amin, A. Further studies on the antinociceptive activity and respiratory effects of burenorphine in sheep, 230
van Werven, T. *see* Lohuis, J.A.C.M.
Wheat, J.D. *see* Steffey, E.P.
Whitt, D.A. *see* Flammer, K.
Wilcke, J.R. *see* Crisman, M.V.
Willits, N. *see* Steffey, E.P.
Wilson, R.C. *see* Wright, L.C.
Wilson, W.D., Spensley, M.S., Baggot, J.D., Hietala, S.K. & Pryor, P. Pharmacokinetics and bioavailability of ticarcillin and clavulanate in foals after intravenous and intramuscular administration, 78
Wong, P. *see* Steffey, E.P.
Wright, L.C., Horton Jr, C.R., Jernigan, A.D., Wilson, R.C. & Clark, C.H. Pharmacokinetics of gentamicin after intravenous and subcutaneous injection in obese cats, 96